

4th AIAA CFD High Lift Prediction Workshop

Trip Dot Definition

The boundary layers on the High Lift Common Research Model (CRM-HL) were tripped using trip dots in regions believed to have laminar flow. All trip dots applied were the same: red, with a height of 0.01", a diameter of 0.05", and a spacing of 0.10". Exact locations are defined using curves in the file *tripcurves.igs*. The figures below are for reference, and depict the installed trip dots.

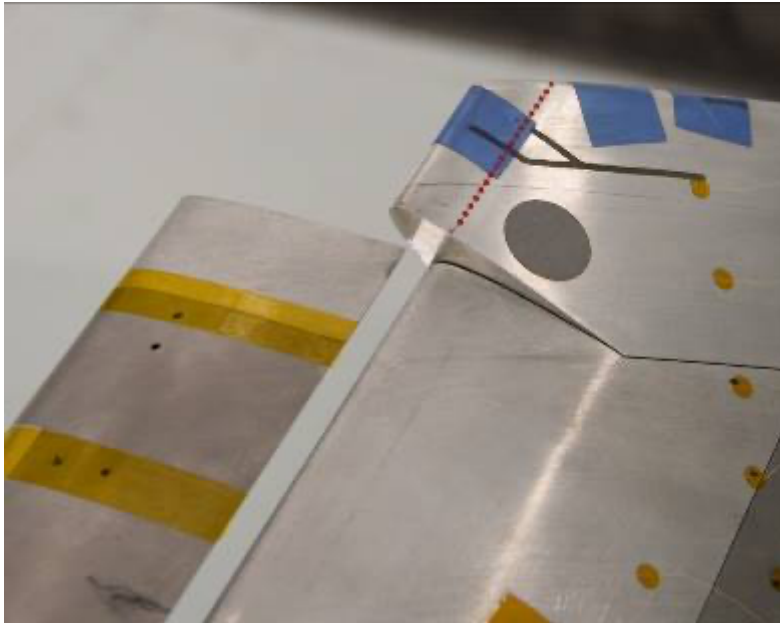


Figure 1 Wing Tip Trip Dots



Figure 2 Wing over Pylon Trip Dots

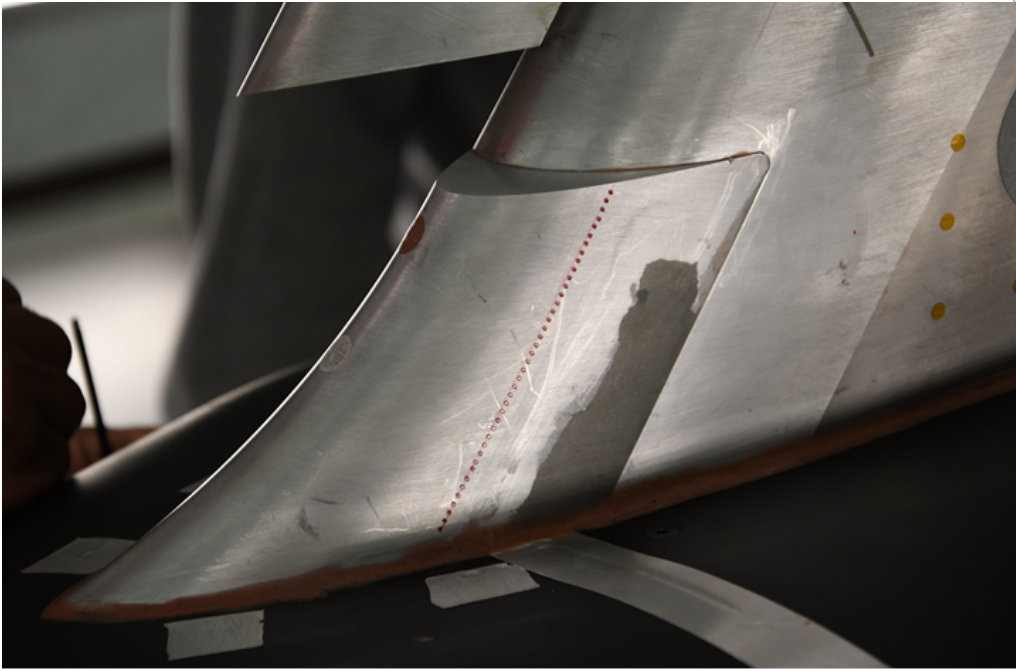


Figure 3 Wing Root / Strake Trip Dots

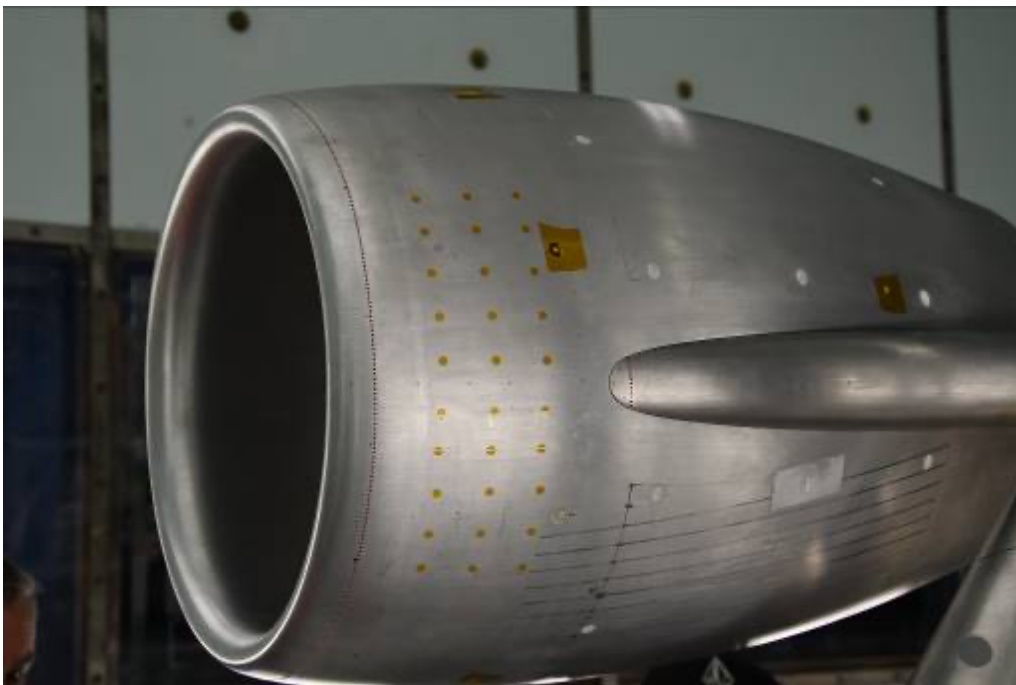


Figure 4 Nacelle and Pylon Trip Dots



Figure 5 Fuselage Trip Dots